

Work Order ID 138692

Monday, November 09, 2015 10:59:38 AM

138692

TULMAR

Page 1

Item ID: PB67-43001-73 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: 20 Degree Cover Plate
 Start Date: 11/9/2015 Start Qty: 16.00 ***16*** Cust Item ID:
 Required Date: 11/27/2015 Req'd Qty: 16.00 ***16*** Customer:
 Reference:

Approvals: Process Plan: MF Date: 15-11-9 Tooling: _____ Date: _____
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____
 Run Start ***NR1***
 Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
B67-43001-73	Rev C

100 FLOW WATER JET 0.00
100
 Waterjet Memo 0.03
 FLOW CNC Waterjet 1-Cut as per Dwg B67-43001 Dwg Rev: C Prog Rev: C
 ****grain direction along 6.950" ****2-Debur if necessary

110 QC2- Inspect parts off machine FAI/FAIB 0.00
110
 QC Memo 0.00
 Quality Control

120 QC8- Inspect parts - second check 0.00
120
 QC Memo 0.01
 Quality Control

DAS
 33
 8-89
 NOV 27 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
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		OTHER :			

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Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160		0.00							
160	Small Fab								
Small Fab	Memo	0.00							
Small Fab	1-grind weld flush								
170	QC10- Inspect visual per QSI004- ground welds	0.00							
170									
QC	Memo	0.00							
Quality Control									
180	QC5- Inspect part completeness to step on W/O	0.00							
180									
QC	Memo	0.01							
Quality Control									

DAS
36
9-89

DAS
9
9-89

DAS
9
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190	Chemical Conversion Coat per QSI005 4.1	0.00							
190 HandFinish Hand Finishing	Memo <i>N/A</i> DAS 9 9-88	0.01							
200	Green Sandtex(Ref:4.3.5.8) per QSI005 4.3	0.00							
200 Powdercoat Powder Coating	Memo <i>m 111277</i> START TIME: <i>2:45</i> FINISH TIME: <i>3:15</i> OVEN TEMPERATURE: <i>3.15</i>	0.01							<i>16</i> <i>φ 160-19</i> DAS 38 9-88
210	QC3- Inspect Part Finish	0.00							
210 QC Quality Control	Memo	0.00							<i>(16)</i> DAS 38 9-88 JAN 20 2016

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250									
Packaging	Memo	0.00							
Packaging									
260	QC21- Final Inspection - Work Order Release	0.00							
260									
QC	Memo	0.03							
Quality Control									

MC5 FEB 2 6 2016

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OTHER :																																																																				

Picklist Print

Monday, November 09, 2015 10:59:38 AM

Page 1

Work Order ID: 138692

138692

Parent Item: PB67-43001-73

PB67-43001-73

Parent Item Name: 20 Degree Cover Plate

Start Date: 11/9/2015

Required Date: 11/27/2015

Start Qty: 16.00

Required Qty: 16.00

Comments: IPP Rev:A 08-06-19 new issue DD verified by:ec
10.09.30 per rev C dwg EC verified by:DD

IPP rev B

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M6061T6S.032		Purchased	No			100	sf	192.8000	1.0183	17.15032			

M6061T6S 032

6061-T6 Sheet 0.032"

02/15/11/20

Location

Loc Qty

Loc Code

MAT021

192.8

m131352

53.6

m132772

139.2

20

DQA: _____ Date: _____



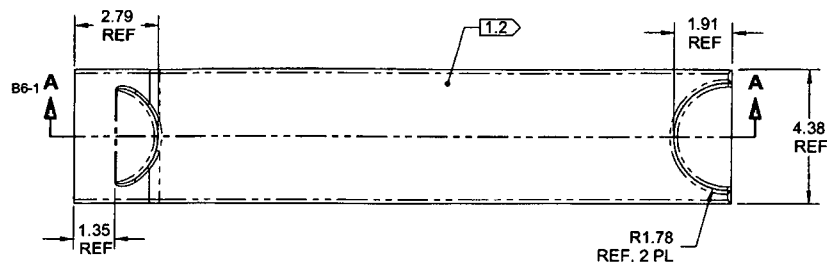
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

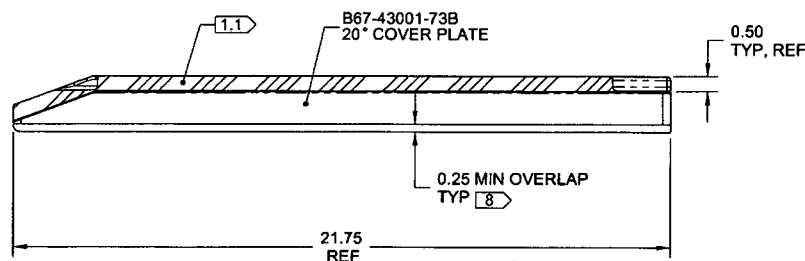
Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐					
		OTHER :							

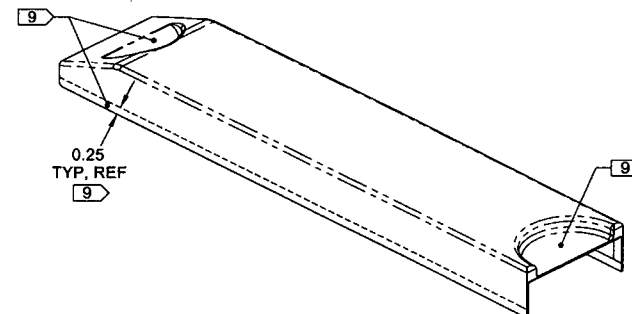
ITEM	QTY -73	P/N	DESCRIPTION
1	1	B67-43001-73	20° COVER PLATE
2	1	B67-43001-73B	20° COVER PLATE
3	A/R	1637-001	SEE NOTE 1.1
4	A/R	1495	SEE NOTE 1.2
5	A/R	LA4009	SEE NOTE 1.3



B67-43001-73 COVER PLATE ASSEMBLY
(MAKE FROM B67-43001-73F)



SECTION A-A D8-1



RELEASED
2010-09-16

NOTES:

1) MATERIAL:

- 1.1) FOAM: ETHYLENE PROPYLENE NEOPRENE SBR CLOSED-CELL, FLAME RETARDANT, 0.50 THICK, PER ASTM D1056 2A2, SERVICE TEMP -40°F TO +200°F, COLOUR: BLACK REF. TULMAR P/N 1637-001
- 1.2) FABRIC: 100% 420 DENIER NYLON, MIN THREAD COUNT 35X35, POLYURETHANE COATED ONE SIDE, COLOUR: BLACK REF. TULMAR P/N 1495
- 1.3) ADHESIVE: URETHANE WITH CATALYST, TWO PART, CLIFTON LA4009
- 2) FINISH: BOND NEOPRENE TO COVER PLATE USING ADHESIVE. COVER WITH DENIER AS SHOWN.
- 3) TOLERANCES: PER TABLE 1 (ZN A3-1) UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.77 lbs REF
- 8) DENIER NYLON TO BE BONDED ALL AROUND INNER SIDES OF PLATE
- 9) DENIER NYLON TO BE BONDED TO PLATE ON OUTER SIDES

TABLE 1 (3)

TOLERANCES ON FABRIC (PARTS AND ASSEMBLIES)
±1/8: DIMS <2
±1/4: DIMS 2 TO <10
±1/2: DIMS 10 TO <20
±5/8: DIMS 20 TO <40
±1.5%: DIMS EQUAL TO OR > 40

C		REDRAWN PREMIER AVIATION DRAWING (AW DART QSI 018, QSI 043 AND TULMAR SAFETY SYSTEMS INC.'S MANUFACTURING PROCESS AND TOLERANCES ON FABRIC, 4.38 WAS 4.25. FOR PREVIOUS REVISIONS, REFER TO SHEETS 7 AND 26 OF PREMIER AVIATION DRAWING No. B67-43001. REASON: SEE PAR#09-011.		MB	10.04.27
REV.		DESCRIPTION	BY	DATE	
DESIGN		RW			
DRAWN					
CHECKED					
MFG. APPR.					
APPROVED					
DE APPR.		N/A			
DATE	10.04.27				
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. B67-43001-73 REV. C SHEET 1 OF 2 TITLE 20° COVER PLATE SCALE NTS COPYRIGHT © 1995 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.					

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QS1042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		OTHER : ☐					

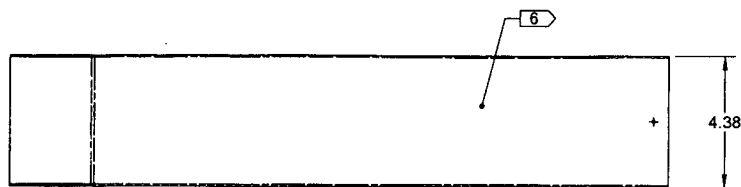
8 7 6 5 4 3 2 1

D

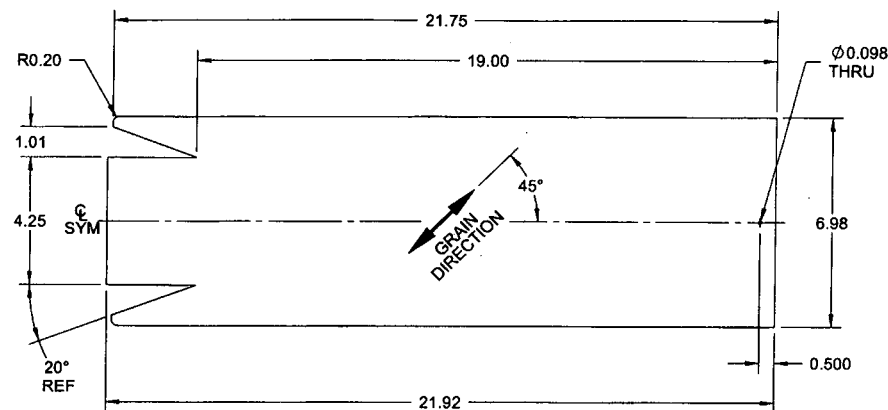
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B

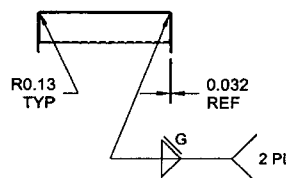
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B67-43001-73B BENDING DETAIL
(MAKE FROM B67-43001-73F)



B67-43001-73F COVER PLATE FLAT PATTERN



RELEASED
2010-09-16
mo

NOTES:

- 1) MATERIAL: 6061-T6 (OR 6061-T62) ALUMINUM SHEET, 0.032 THICK
PER AMS-QQ-A-250/11 OR AMS 4025/4027 OR ASTM B209
REF. DART SPEC. M6061T6S.032
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT GREEN SANOTEX (4.3.5.8) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "B67-43001-73B" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.47 lbs

DESIGN	RW	DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.		B67-43001-73	SHEET 2 OF 2
APPROVED		TITLE	SCALE
DE APPR.	N/A	20° COVER PLATE	NTS
DATE	10.04.27	COPYRIGHT © 1995 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

8 7 6 5 4 3 2 1

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐					
OTHER : _____									

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

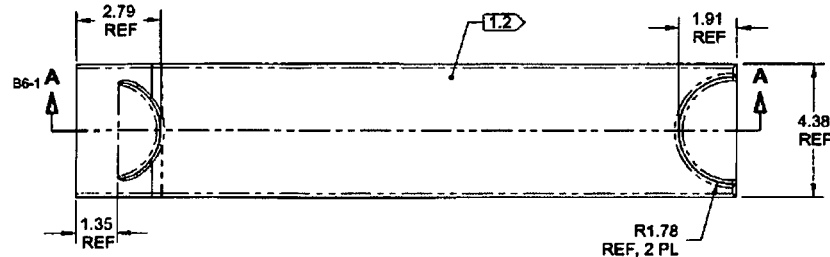
QA Closed: _____ Date: _____

Work Order update only ☐

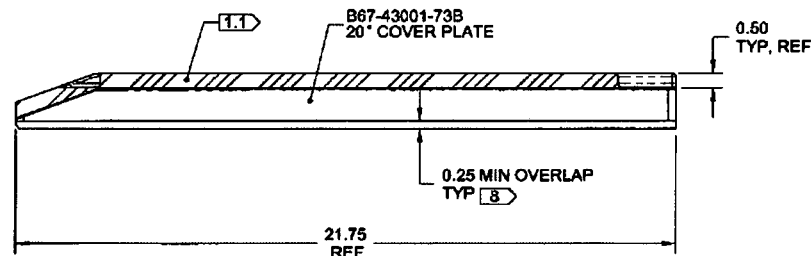
Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

8 7 6 5 4 3 2 1

ITEM	QTY -73	P/N	DESCRIPTION
1	1	B67-43001-73	20° COVER PLATE
2	1	B67-43001-73B	20° COVER PLATE
3	A/R	1637-001	SEE NOTE 1.1
4	A/R	1495	SEE NOTE 1.2
5	A/R	LA4009	SEE NOTE 1.3



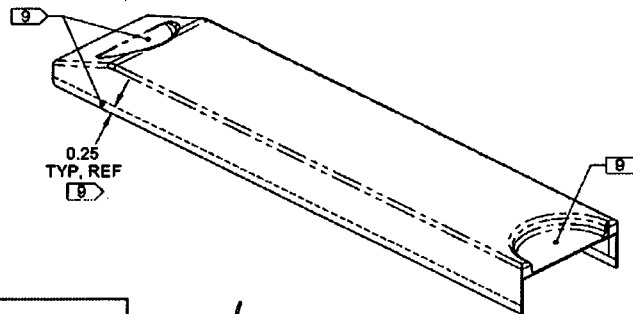
B67-43001-73 COVER PLATE ASSEMBLY
(MAKE FROM B67-43001-73F)



SECTION A-A D8-1

TULMAR MARK-UP
REV I
02/10/2014 RL

DAS
22
9-89



RELEASED
R 2010-09-16
MD

- NOTES:**
- MATERIAL:** BRITTLNESS TEMP OF -40F, IAW ASTM D 746, FMVSS 302.
 - 1.1) FOAM:** ETHYLENE PROPYLENE NEOPRENE SBR CLOSED-CELL, FLAME RETARDANT, 0.50 THICK, PER ASTM D1086 2A2, SERVICE TEMP -40°F TO +200°F, COLOUR: BLACK
REF: TULMAR P/N 1637-001
 - 1.2) FABRIC:** 100% 420 DENIER NYLON, MIN THREAD COUNT 35X35, POLYURETHANE COATED ONE SIDE, COLOUR: BLACK
REF: TULMAR P/N 1495
 - 1.3) ADHESIVE:** URETHANE WITH CATALYST, TWO PART, CLIFTON LA4009 OR LA4009NOVOC.
 - FINISH:** BOND NEOPRENE TO COVER PLATE USING ADHESIVE. COVER WITH DENIER AS SHOWN.
 - TOLERANCES:** PER TABLE 1 (ZN A3-1) UNLESS OTHERWISE NOTED
 - UNITS:** INCHES UNLESS OTHERWISE NOTED
 - BREAK SHARP EDGES:** N/A
 - IDENTIFICATION:** N/A
 - WEIGHT:** 0.77 lbs REF
 - DENIER NYLON TO BE BONDED** ALL AROUND INNER SIDES OF PLATE
 - DENIER NYLON TO BE BONDED** TO PLATE ON OUTER SIDES

DAS
22
9-89 16 01.27

DAS
22
9-89

TABLE 1 [3]

TOLERANCES ON FABRIC (PARTS AND ASSEMBLIES)
±1/8: DIMS <2
±1/4: DIMS 2 TO <10
±1/2: DIMS 10 TO <20
±5/8: DIMS 20 TO <40
±1.5%: DIMS EQUAL TO OR > 40

C	REDRAWN PREMIER AVIATION DRAWING IAW DART QSI 018, QSI 043 AND TULMAR SAFETY SYSTEMS INC.'S MANUFACTURING PROCESS AND TOLERANCES ON FABRIC: 4.38 WAS 4.25. FOR PREVIOUS REVISIONS, REFER TO SHEETS 7 AND 28 OF PREMIER AVIATION DRAWING No. B67-43001. REASON: SEE PARMS-011.	MB	10.04.27
REV.	DESCRIPTION	BY	DATE
DESIGN	RW		
DRAWN			
CHECKED			
MFG. APPR.			
DE APPR.	N/A		
DATE	10.04.27		

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	REV. C SHEET 1 OF 2
DRAWING NO. B67-43001-73	SCALE NTS
TITLE 20° COVER PLATE	
COPYRIGHT © 1988 BY DART AEROSPACE LTD THIS DOCUMENT IS PROPRIETARY AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE LOANED, REPRODUCED OR COPIED FOR FURTHER DISTRIBUTION TO ANY OTHER PERSON OR ORGANIZATION WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.	

PACKING SLIP

TULMAR

Tulmar Safety Systems Inc.
1123 Cameron Street
Hawkesbury, ON K6A 2B8
Tel: 613-632-1282
Fax: 613-632-2030
GST R132478223
MID : XOTULSAF1123HAW
email: info@tulmar.com

Packing Slip No. Page

56789 1

Ship Date
2/23/2016

Bill To:

Dart Aerospace

1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Ship To:

Dart Aerospace

1270 Aberdeen Street
Tel: 613-632-9577
Hawkesbury, ON K6A 1K7
Canada

Order number 33591 Sales order date 1/27/2016 Account number CDART100 Loc H Account manager Francine Bigras

PO number PO31110 Ship via Pick-Up Shipping Terms FOB HAWKESBURY

Item No. Description	Quantity ordered	UOM	Qty Shipped/Returned	Quantity on back order
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QA: A004 A005 A007 A016 A026 A040
A041 A043 (TSS = 5 YRS ONLY)

8421-103 Cover Plate	15.00	EA	15.00	
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Drawing No: B67-43001-181
DWG Rev: D
Item 6

Lot no.: BATCH0000000010 15.00

8421-102 D-Pad Assembly, Long	11.00	EA	11.00	
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Drawing No: B67-43001-85 + MU
DWG Rev: D+1

Lot no.: BATCH0000000010 11.00

8421-101 D-Pad Assembly, Short	54.00	EA	54.00	
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Drawing No: B67-43001-83
DWG Rev: D

Lot no.: BATCH0000000012 54.00

8421-104 Cover Plate	16.00	EA	16.00	
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Drawing No: B67-43001-173
DWG Rev: D
Item 7

Lot no.: BATCH0000000011 16.00

8421-105 Cover Plate, 20°	16.00	EA	16.00	
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Drawing No: B67-43001-73+MU
DWG Rev: C+1
Item 2

Lot no.: BATCH0000000009 16.00

16/2/24
SD



J. ENNIS FABRICS

June 10, 2015

Fax To: Tulmar Safety Systems
Fax: 613-632-2030
Attention: Sandra Nadeau

Certificate of Conformance

Re: PO 28594-00 for Oxford 7 black

The goods shipped on P/O 28594-00 are as per sampled goods. Specification as follows:
As per mill documentation:

Oxford 7 black is in compliance with the following standards:

Width: Product is 58 Inches Wide.

Roll Size: Average Roll Length is 75 Yards.

Weight: Product Weight is 6.79 Ounces per Sq.Yd. /Product Weight is 10.94 oz per Lin.Yd.

Content: 100% Nylon

Coating: Product has a Polyurethane Coating (approximately 0.65 oz/ Sq.Yd. (18.5g/sq.yd.))

Denier: Yarn is 420 Denier.

Thread Count: Construction is 62 x 38 Threads per Square Inch

Protective Finish; Product is Water Repellent.

Hydro Resist: AATCC 127 (Suter): Average 800 mm

Piece # 111926200 Manufacture Date: 03/25/15, **Lot Number:** 444815

Sincerely;
J. Ennis Fabrics Ltd.

S. Nolan

Susan Nolan
Customer Service Specialist

C/c's used to info:
B67-43001-181 Rev.D
B67-43001-173 Rev.D
B67-43001-73+MU Rev. C+1
B67-43001-69+MU Rev. D+1
B67-43001-33+MU Rev. C+1

Louise Pulicenti (QC) Feb. 23/16

JUN 19 2015



TULMAR**Certificate of Conformance**

Tulmar P/N 1637-001	Description Foam, SBR/EPDM/CR blend, black, ASTM D1056 2a2, 1/2" thick, 42"x72", brittle temp of -40°F IAW ASTM D746, FMVSS 302	Dwg # N/A	Revision -	Qty 4
Tulmar PO # 27193-00	Line Item # 1	Supplier Name / Address Am Rubber & Foam Gaskets Inc. 2074 Steeles Ave. East Units 1 & 2, Brampton On L6T 4Z9	Supplier Packing Slip # 12190	

Supplier Declarations:

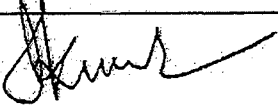
Hazardous Materials Acknowledgement	The items described below may contain, and their processing may have included, the following substances:	Hexavalent Chromium; Cadmium; Beryllium; Nickel; Mercury; Lead; Asbestos; Radioactive elements YES ☐ NO ☒
Country of Origin of Goods : CANADA		if YES, please complete the HazMat Acknowledgement form @ www.tulmar.com
Limited Shelf-Life	<u>Definition:</u> If material is consumed or transformed into final product before end of shelf-life there is no effect on final product.	These items have a limited Shelf-Life YES ☐ NO ☒
Expiry date	<u>Definition:</u> Date after which performance will no longer be as intended - expiration is transferred to the final product.	These items have an expiry date YES ☐ NO ☒

if YES, please complete the Time Expired - Shelf-Life questionnaire @ www.tulmar.com

Additional Information (MRS#, MRA#, limitations, etc...):

--

I hereby certify that the goods listed hereon have been inspected and/or tested, as applicable, and conform to all specifications and requirements detailed in the contract or purchase order and relevant quality clauses. Objective evidence to support this statement is on file and can be made available upon request. Should further information be required, please contact:

Signature 	Name Joseph Mallick	Date (DD-MMM-YYYY) 02/01/2014
Title QA MANAGER	Email Joe.Mallick@amrubber.ca	Phone # 647-501-1449

Form Revision 13 Aug 2012

TSS # 1637-001/05



TULMAR**Certificate of Conformance**

Tulmar P/N 2530	Description Thread, Nylon, Black, A-A-59626, T72, CJA, Size F, Quality Class: G10, Country of Origin: USA, NE C0032	Dwg #	Revision	Qty 40 Sp
Tulmar PO # 27000-00	Line Item # 1	Supplier Name / Address CANSEW INC, 111 Chabanel West, Suite 101, Montreal, Que., H2N 1C9	Supplier Packing Slip # H66082	

Supplier Declarations:

Hazardous Materials Acknowledgement	The items described below may contain, and their processing may have included, the following substances:	Hexavalent Chromium; Cadmium; Beryllium; Nickel; Mercury; Lead; Asbestos; Radioactive elements YES ☐ NO ☒
Country of Origin of Goods : USA		if YES, please complete the HazMat Acknowledgement form @ www.tulmar.com
Limited Shelf-Life	<u>Definition:</u> If material is consumed or transformed into final product before end of shelf-life there is no effect on final product.	These items have a limited Shelf-Life YES ☐ NO ☒
Expiry date	<u>Definition:</u> Date after which performance will no longer be as intended - expiration is transferred to the final product.	These items have an expiry date YES ☐ NO ☒

if YES, please complete the Time Expired - Shelf-Life questionnaire @ www.tulmar.com

Additional Information (MRS#, MRA#, limitations, etc...):

--

I hereby certify that the goods listed hereon have been inspected and/or tested, as applicable, and conform to all specifications and requirements detailed in the contract or purchase order and relevant quality clauses. Objective evidence to support this statement is on file and can be made available upon request. Should further information be required, please contact:

Signature 	Name Hershie Schachter	Date (DD-MMM-YYYY) 28-Jan-2014
Title President	Email hershie@cansew.ca	Phone # (514) 382-2807

Form Revision 13 Aug 2012

2530/53 (SN)



48 Burgess Place
Wayne, NJ 07470

Certificate Of Analysis

11/11/2015

Sales Order Number: 5927

Manufactured for
TULMAR SAFETY SYSTEMS

Customer Order Number: 29283

14172-C6.9A

LA4009NOVOC, P/N 7122-001

14172-C6.9A - LA4009NOVOC, UNLINED GALLON CAN

Lot# PNJ-1015-0252

Qty: 52 EA

Manufacture Date: 11/4/15

Expiration Date: 11/4/16

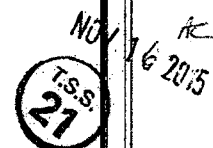
Test(s)	Results	Min	Max	
% Solids @275F for 30 minutes	14.3000	13.00	15.00	Percent
Brookfield, RVT, #3 Spindle, 20RPM, 78F	1,150.0000	800.00	1,500.00	Centipoise
Visual check for dry film color	pass	(CLEAR TO HAZY YELLOW) PASS/FAIL		

"The material supplied conforms to all applicable engineering drawing, specifications and PO requirements."

Dan Constantino

Daniel Constantino
Quality Assurance Mgr/ISO Coordinator

Country of Origin: USA



7122-001 3#5

SH_BOL_90



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO31110

Purchase Order Date 1/22/2016

PO Print Date 1/28/2016

Page Number 1 of 4

Order From :
TULMAR SAFETY SYSTEMS
1123 CAMERON ST
HAWKESBURY, ON K6A 2B8
CA

VC-TUL001

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED
JAN 28 2016

Contact Name
Vendor Phone 613 632 1282

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	138687	PB67-43001-83 D-PAD	2/19/2016 Yes 2/19/2016		54.00	\$55.00	\$2,970.00
	FOAM AND FABRIC AS PER DWG PD67-43001-83 REV. D TULMAR P/N: 8421-101						
	Line Total:						\$2,970.00
2	138692	PB67-43001-73 20 DEG. COVER PLATE	2/19/2016 Yes 2/19/2016		16.00	\$165.00	\$2,640.00
	FOAM AND FABRIC AS PER DWG PB67-43001-73 REV. C TULMAR P/N: 8421-105 INCLUDED MARK UPS AT REV.C +MU1						
	Line Total:						\$2,640.00

PO Instructions: SALES QUOTE NO. 16014,16058

Note:

1/28/2016